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Prodn. of aq. dispersions of lipid spherules - by forming lamellar phase
from lipid and aq. phase for encapsulation then shaking with dispersing
liq.

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 843300	A	19761222				197703 B
NL 7607210	A	19770103				197703
DE 2629100	A	19770120				197704
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			DE 276661108	A	19760629	
DK 168812	B	19940620	DK 762913	A	19760629	199428
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19750630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 2661108	C2		4	B01J-013/02	Div ex application DE 276660069 Div ex patent DE 2660069
DK 168812	B			B01J-013/02	Div ex application DK 762913 Previous Publ. patent DK 8601686

Abstract (Basic): BE 843300 A

Process for forming a dispersion of spherules comprising organised

molecular layers contg. an encapsulated aqueous phase comprises (a) mixing (i) a water-dispersible, liq. lipid having a nonionic or ionic hydrophilic portion and a lipophilic portion adn of HLB value such that it swells in the encapsulated aqs. phase, ith (ii) the aqueous phase to be encapsulated; (b) stirring to form a lamellar phase; and (c) addig a dispersing liq. in amt. greater than that of the lamellar phase and vigorously shaking for 15 min. to 3 hrs.

Process is esp. used for encapsulation of cosmetic agents such as artificial tanning agents, sunscreen agents, antiperspirants, deodorants, depilatories, antiserborrhoeics etc., or a foodstuff or pharmaceutical agent such as vitamins, hormones, enzymes, vaccines, antiinflammatories, e.g. hydrocortisone, antibiotics and bactericides.

Title Terms: PRODUCE; AQUEOUS; DISPERSE; LIPID; SPHERULE; FORMING; LAMELLA; PHASE; LIPID; AQUEOUS; PHASE; ENCAPSULATE; SHAKE; DISPERSE; LIQUID

Derwent Class: A97; B07; D21

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